BRUHAT BANGALORE MAHANAGARA PALIKE

Project Division Yelahanka ZONE

e of Work:1. Improvement of roads and drain at kogilu layout main road and cross in ward no 05 byatarayanapura sub division2. Improvement of roads and drain at genahalli kuvempunagara cross road in ward no 05 byatarayanapura sub division3. rovement of drain at dwarakanagara srirama temple road in ward no 05 rayanapura sub division4. Improvement of roads and drain at kattigenahalli unding area in ward no 05 byatarayanapura sub division5. Improvement of roads drain at nirantara layout in ward no 05 byatarayanapura sub division6. Improvement ain and asphalting to road at agrahara layout harihara temple surrounding area in no 05 byatarayanapura sub division

Measurement Sheet

1st & Part Bill

e of Agency: Sri. A. CHENNAREDDY

er Notification No. BBMP/YNK/EE(PROJECTS/TEND/21/2017-18)

No: 12

m / me: Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications

NO	CHAINAGE Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
easurement recorded on:			24/04/2018,25/04/2018,26/04/2018/27/04/2018,27/04/2018							
cross from anjeneya temple Road to Agrahara main Road										
	0.00	30.00	1	30.00	5.10	5.30	5.20	0.04	6.24	
	30.00	60.00	1	30.00	5.30	5.00	5.15	0.04	6.18	
	60.00	90.00	1	30.00	5.00	4.70	4.85	0.04	5.82	
	90.00	120.00	1	30.00	4.70	4.80	4.75	0.04	5.70	
	120.00	150.00	1	30.00	4.80	5.20	5.00	0.04	6.00	
	150.00	180.00	1	30.00	5.20	4.70	4.95	0.04	5.94	
	180.00	210.00	1	30.00	4.70	4.30	4.50	0.04	5.40	
	210.00	240.00	1	30.00	4.30	4.20	4.25	0.04	5.10	
	240.00	270.00	1	30.00	4.20	3.60	3.90	0.04	4.68	
	270.00	300.00	1	30.00	3.60	4.05	3.83	0.04	4.59	
	300.00	330.00	1	30.00	4.05	3.70	3.88	0.04	4.65	
	330.00	360.00	1	30.00	3.70	3.95	3.83	0.04	4.59	
	360.00	390.00	1	30.00	3.95	3.95	3.95	0.04	4.74	
	390.00	420.00	1	30.00	3.95	4.40	4.18	0.04	5.01	
	420.00	433.00	1	13.00	4.40	6.00	5.20	0.04	2.70	
	433.00	438.10	1	5.10	6.00	9.60	7.80	0.04	1.59	
cross From Agrahara main Road to c/r 1										
	0.00	30.00	1	30.00	5.70	3.60	4.65	0.04	5.58	
	30.00	60.00	1	30.00	3.60	3.50	3.55	0.04	4.26	
	60.00	90.00	1	30.00	3.50	3.30	3.40	0.04	4.08	
	90.00	120.00	1	30.00	3.30	3.40	3.35	0.04	4.02	
	120.00	128.00	1	8.00	3.40	3.40	3.40	0.04	1.09	

E.E. (Project)

E.E. (Project)

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

NO	CHAINAGE Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	128.00	133.20	1	5.20						cross Road
	133.20	163.20	1	30.00	3.40	3.60	3.50	0.04	4.20	
	163.20	192.20	1	29.00	3.60	3.60	3.60	0.04	4.18	
s Road 1										
	0.00	15.00	1	15.00	3.60	5.30	4.45	0.04	2.67	
	15.00	30.00	1	15.00	5.30	5.25	5.28	0.04	3.17	
	30.00	37.20	1	7.20	5.25	5.30	5.28	0.04	1.52	
cross road from cross road1 to Agrahara Main Road										
	0.00	30.00	1	30.00	3.40	3.60	3.50	0.04	4.20	
	30.00	57.00	1	27.00	3.60	3.60	3.60	0.04	3.89	
	57.00	61.00	1	4.00						cross Road
	61.00	91.00	1	30.00	3.60	3.10	3.35	0.04	4.02	
	91.00	121.00	1	30.00	3.10	3.60	3.35	0.04	4.02	
	121.00	151.00	1	30.00	3.60	4.90	4.25	0.04	5.10	
	151.00	157.80	1	6.80	4.90	7.70	6.30	0.04	1.71	
cross from Agrahara Main Road To cross Road 1										
	0.00	30.00	1	30.00	3.60	3.56	3.58	0.04	4.30	
	30.00	60.00	1	30.00	3.56	3.70	3.63	0.04	4.36	
	60.00	63.80	1	3.80	3.70	3.75	3.73	0.04	0.57	
	63.80	68.10	1	4.30						cross
	68.10	98.10	1	30.00	3.75	3.60	3.68	0.04	4.41	
	98.10	123.10	1	25.00	3.60	3.73	3.67	0.04	3.67	
	123.10	126.30	1	3.20	3.73	3.75	3.74	0.04	0.48	
cross from cross Road 1										
	0.00	30.00	1	30.00	4.10	4.15	4.13	0.04	4.95	
	30.00	55.10	1	25.10	4.15	4.20	4.18	0.04	4.19	
cross from 1st main Road to Anganvadi Main Road										
	0.00	30.00	1	30.00	5.20	4.75	4.98	0.04	5.97	
	30.00	60.00	1	30.00	4.75	4.80	4.78	0.04	5.73	
	60.00	90.00	1	30.00	4.80	5.10	4.95	0.04	5.94	
	90.00	120.00	1	30.00	5.10	4.20	4.65	0.04	5.58	
	120.00	150.00	1	30.00	4.20	4.25	4.23	0.04	5.07	
	150.00	151.90	1	1.90	4.25	4.00	4.13	0.04	0.31	
nvadi Road From 1st cross to Bidahalli Main Road										
	0.00	30.00	1	30.00	4.70	4.70	4.70	0.04	5.64	
	30.00	60.00	1	30.00	4.70	4.80	4.75	0.04	5.70	
	60.00	90.00	1	30.00	4.80	5.00	4.90	0.04	5.88	
	90.00	120.00	1	30.00	5.00	4.10	4.55	0.04	5.46	
	120.00	150.00	1	30.00	4.10	4.50	4.30	0.04	5.16	
	150.00	180.00	1	30.00	4.50	4.50	4.50	0.04	5.40	
	180.00	210.00	1	30.00	4.50	4.40	4.45	0.04	5.34	
	210.00	240.00	1	30.00	4.40	4.50	4.45	0.04	5.34	
	240.00	248.90	1	8.90	4.50	4.65	4.58	0.04	1.63	

E.E. (Project)

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

NO	CHAINAGE Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
cross from Dead end to 1st Main Road										
	0.00	30.00	1	30.00	4.20	4.00	4.10	0.04	4.92	
	30.00	60.00	1	30.00	4.00	4.50	4.25	0.04	5.10	
	60.00	90.00	1	30.00	4.50	5.00	4.75	0.04	5.70	
	90.00	120.00	1	30.00	5.00	4.10	4.55	0.04	5.46	
	120.00	150.00	1	30.00	4.10	4.50	4.30	0.04	5.16	
	150.00	154.60	1	4.60	4.50	4.50	4.50	0.04	0.83	
cross from 1st Main to Dead end										
	0.00	3.00	1	3.00	6.90	4.90	5.90	0.04	0.71	
	3.00	33.00	1	30.00	4.90	4.20	4.55	0.04	5.46	
	33.00	63.00	1	30.00	4.20	4.50	4.35	0.04	5.22	
	63.00	93.00	1	30.00	4.50	4.10	4.30	0.04	5.16	
	93.00	123.00	1	30.00	4.10	3.60	3.85	0.04	4.62	
	123.00	143.60	1	20.60	3.60	3.80	3.70	0.04	3.05	
cross from dead end to 1st Main Road										
	0.00	30.00	1	30.00	3.60	3.70	3.65	0.04	4.38	
	30.00	43.40	1	13.40	3.70	4.00	3.85	0.04	2.06	
	43.40	49.70	1	6.30						cross Road
	49.70	79.70	1	30.00	4.00	3.50	3.75	0.04	4.50	
	79.70	109.70	1	30.00	3.50	3.70	3.60	0.04	4.32	
	109.70	139.70	1	30.00	3.70	3.70	3.70	0.04	4.44	
	139.70	141.80	1	2.10	3.70	3.80	3.75	0.04	0.32	
cross Road from 1st Main Road to Dead end										
	0.00	30.00	1	30.00	6.30	6.20	6.25	0.04	7.50	
	30.00	60.00	1	30.00	6.20	6.10	6.15	0.04	7.38	
	60.00	85.00	1	25.00	6.10	6.40	6.25	0.04	6.25	
	85.00	88.30	1	3.30	6.40	6.40	6.40	0.04	0.84	
cross from dead end to 1st Main Road										
	0.00	30.00	1	30.00	4.80	4.30	4.55	0.04	5.46	
	30.00	42.50	1	12.50	4.30	4.20	4.25	0.04	2.13	
	42.50	47.70	1	5.20						cross Road
	47.70	77.70	1	30.00	4.60	4.80	4.70	0.04	5.64	
	77.70	107.70	1	30.00	4.80	3.70	4.25	0.04	5.10	
	107.70	133.30	1	25.60	3.70	3.80	3.75	0.04	3.84	
Main from dead end to dead end										
	0.00	30.00	1	30.00	4.10	3.90	4.00	0.04	4.80	
	30.00	46.60	1	16.60	3.90	4.00	3.95	0.04	2.62	
	46.60	52.60	1	6.00						cross Road
	52.60	82.60	1	30.00	4.30	4.90	4.60	0.04	5.52	
	82.60	97.80	1	15.20	4.90	4.50	4.70	0.04	2.86	
	97.80	104.30	1	6.50						cross Road
	104.30	134.30	1	30.00	4.40	4.40	4.40	0.04	5.28	

E.E. (Project)

Asst. Executive Engr.
Project Division
Yelahanka Zone
Bangalore

CHAINAGE Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
134.30	164.30	1	30.00	4.40	4.80	4.60	0.04	5.52	
164.30	178.90	1	14.60	4.80	4.60	4.70	0.04	2.74	
178.90	183.40	1	4.50	4.60	4.60	4.60	0.04	0.83	
183.40	213.40	1	30.00	4.60	4.40	4.50	0.04	5.40	
213.40	237.90	1	24.50	4.40	4.30	4.35	0.04	4.26	
om dead end to dead end									
0.00	30.00	1	30.00	6.00	6.80	6.40	0.04	7.68	
30.00	51.00	1	21.00	6.80	6.50	6.65	0.04	5.59	
51.00	56.30	1	5.30						cross Road
56.30	86.30	1	30.00	7.60	7.60	7.60	0.04	9.12	
86.30	116.30	1	30.00	7.60	8.00	7.80	0.04	9.36	
116.30	130.30	1	14.00	8.00	6.20	7.10	0.04	1.96	
130.30	137.20	1	6.90						cross
137.20	167.20	1	30.00	7.40	7.40	7.40	0.04	8.88	
167.20	183.20	1	16.00	7.40	7.50	7.45	0.04	4.77	
183.20	190.00	1	6.80						cross
190.00	220.00	1	30.00	6.50	6.50	6.50	0.04	7.80	
220.00	235.00	1	15.00	6.50	6.60	6.55	0.04	3.93	
om dead end to dead end									
0.00	1.50	1	1.50	2.50	2.50	2.50	0.04	0.15	
1.50	31.50	1	30.00	2.50	3.80	3.15	0.04	3.78	
31.50	37.90	1	6.40	7.60	3.69	5.65	0.04	1.63	
37.90	45.10	1	7.20						cross Road
45.10	75.10	1	30.00	3.69	4.50	4.10	0.04	4.91	
75.10	90.80	1	15.70	4.50	4.20	4.35	0.04	4.25	
90.80	115.20	1	24.40						temple
115.20	145.20	1	30.00	4.90	5.00	4.95	0.04	5.94	
145.20	170.60	1	25.40	5.00	4.70	4.85	0.04	4.93	
170.60	176.00	1	5.40						cross
176.00	206.00	1	30.00	4.90	4.70	4.80	0.04	5.76	
206.00	236.00	1	30.00	4.70	4.85	4.78	0.04	5.73	
236.00	266.00	1	30.00	4.85	4.60	4.73	0.04	5.67	
266.00	296.00	1	30.00	4.60	3.90	4.25	0.04	5.10	
296.00	301.60	1	5.60	3.90	2.90	3.40	0.04	0.76	
om dead end to dead end									
0.00	23.00	1	23.00	4.00	4.50	4.25	0.04	3.91	
23.00	27.60	1	4.60						cross
27.60	57.60	1	30.00	4.30	4.50	4.40	0.04	5.28	
57.60	87.60	1	30.00	2.50	4.60	3.55	0.04	4.26	
87.60	103.30	1	15.70	2.50	4.90	3.70	0.04	2.32	
103.30	107.90	1	4.60						cross Road
107.90	137.90	1	30.00	4.30	4.30	4.30	0.04	5.16	
137.90	153.40	1	15.50	2.50	4.60	3.55	0.04	2.20	
153.40	160.00	1	6.60						cross Road
160.00	190.00	1	30.00	5.00	3.90	4.45	0.04	5.34	

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
190.00	220.00	1	30.00	2.50	3.30	2.90	0.04	3.48	
220.00	227.60	1	7.60	2.50	3.10	2.80	0.04	0.85	
m dead end to Baglur Main Road									
0.00	7.00	1	7.00	2.50	5.00	3.75	0.04	1.05	
7.00	37.00	1	30.00	5.00	4.40	4.70	0.04	5.64	
37.00	67.00	1	30.00	4.40	4.60	4.50	0.04	5.40	
67.00	97.00	1	30.00	4.60	4.50	4.55	0.04	5.46	
97.00	127.00	1	30.00	4.50	4.00	4.25	0.04	5.10	
127.00	157.00	1	30.00	4.00	4.30	4.15	0.04	4.98	
157.00	187.00	1	30.00	4.30	3.90	4.10	0.04	4.92	
187.00	210.00	1	23.00	3.90	4.40	4.15	0.04	3.82	
210.00	217.00	1	7.00						cross Road
217.00	219.00	1	2.00	7.00	5.00	6.00	0.04	0.48	
219.00	249.00	1	30.00	5.00	4.50	4.75	0.04	5.70	
249.00	279.00	1	30.00	4.50	4.00	4.25	0.04	5.10	
279.00	309.00	1	30.00	4.00	4.50	4.25	0.04	5.10	
309.00	321.00	1	12.00	4.50	4.50	4.50	0.04	2.16	
321.00	351.00	1	30.00	4.50	6.40	5.45	0.04	6.54	
351.00	353.70	1	2.70	6.40	6.40	6.40	0.04	0.69	
1									
0.00	30.00	1	30.00	5.20	4.10	4.65	0.04	5.58	
30.00	33.40	1	3.40	4.10	4.10	4.10	0.04	0.56	
rom Baglur Main Road to Dead end									
0.00	30.00	1	30.00	5.80	4.70	5.25	0.04	6.30	
30.00	60.00	1	30.00	4.70	4.50	4.60	0.04	5.52	
60.00	90.00	1	30.00	4.50	4.20	4.35	0.04	5.22	
90.00	120.00	1	30.00	4.20	4.80	4.50	0.04	5.40	
120.00	124.50	1	4.50						cross Road
124.50	154.50	1	30.00	4.10	4.50	4.30	0.04	5.16	
154.50	184.50	1	30.00	4.50	4.40	4.45	0.04	5.34	
184.50	211.20	1	26.70	4.40	4.50	4.45	0.04	4.75	
211.20	218.70	1	7.50						cross
218.70	248.70	1	30.00	4.40	4.40	4.40	0.04	5.28	
248.70	278.70	1	30.00	4.40	4.10	4.25	0.04	5.10	
278.70	281.80	1	3.10	4.10	3.80	3.95	0.04	0.49	
oad from 1st cross road to 3rd cross Road Road									
0.00	30.00	1	30.00	4.20	4.40	4.30	0.04	5.16	
30.00	57.10	1	27.10	4.40	4.30	4.35	0.04	4.72	
rom dead end to baglur main road									
0.00	30.00	1	30.00	4.60	4.40	4.50	0.04	5.40	
30.00	60.00	1	30.00	4.40	4.30	4.35	0.04	5.22	
60.00	90.00	1	30.00	4.30	4.40	4.35	0.04	5.22	
90.00	114.70	1	24.70	4.40	5.00	4.70	0.04	4.64	
rmn baglur Main road to dead end									

E.E. (Pipleen)

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Checked

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